

Some Records and Observations of Microlepidoptera in Southern Scotland

By K. P. BLAND*

Stigmella basiguttella (Heinemann, 1862). A single vacated mine of this primarily southern species was found on oak just south of the Devil's Beef Tub (O.S.36/0608), near Moffat, Dumfriesshire (V.c.72) on 27.ix.1977.

Stigmella spinosissimae (Waters, 1928). Vacated and occupied mines in Burnet Rose, ascribable to this species occurred at Seton Bents (O.S.36/4376), Longniddry, E. Lothian (V.c.82) on 31.ix.1976 but no adults were bred. Further occupied mines were collected at the same place on 1.x.1977 and these produced imagines of *S. spinosissimae* between 23.iv and 4.v.1978. Occupied mines from a small patch of Burnet Rose growing in the Pentland Hills (O.S.36/1861), near Edinburgh, Midlothian (V.c.83) yielded only *S. anomalella* (Goeze, 1783). In both situations the eggs were on the underside of the leaf, next to the midrib and the early mine was filled with frass, but the mines of *S. anomalella* were longer and the frass was more dispersed in the second half.

Nepticula ulmariae Wocke, 1897. Although not confirmed by breeding the imagines, the mines of *N. ulmariae* (confirmed by A. M. Emmet) have been found in three different localities in South-east Scotland:

- (1) Two empty mines on 22.viii.1976 at Gordon Moss Nature Reserve (O.S.36/6342), Berwickshire (V.c.81).
- (2) Several empty mines on 5.ix.1976 at Aberlady Nature Reserve (O.S.36/4680), E. Lothian (V.c.82).
- (3) Two empty mines on 4.x.1976 near Gladhouse Reservoir (O.S.36/2757), Midlothian (V.c.83).

All the mines were in Common Meadowsweet, *Filipendula ulmaria* (L.) Maxim, growing in long-established marshy areas. No mines were found in 1977.

Nepticula fragariella Heyden, 1862 and *Nepticula dulcella* Heinemann, 1862. Both these species are associated with Wild Strawberry and are recorded as having primarily southern distributions in Britain (Emmet, 1976) but are probably more widespread. Vacated mines ascribable to *N. dulcella* were found at Crichton (O.S.36/3761), Midlothian (V.c.83) on 12.xi.1977 and again on 18.ix.1978. Vacated mines ascribable to *N. fragariella* were found at Craigieburn Plantation (O.S.36/1206), near Moffat, Dumfriesshire (V.c.72) on 20.xi.1977.

Fomoria septembrella (Stainton, 1849). This species has in the last two years been found to be widely distributed in southern Scotland. It has now been recorded from V.c.72, 78, 80, 83, 85 and 86. It will probably be found wherever wild *Hypericum* sp. grow but usually requires a little searching to find the mines.

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